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Am Binkley, William Trost Wireless Networks, Volume 7 Issue 2 Publisher: Kluwer Academic Publishers Full text available: (80.17

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Keywords: ARP spoof, ad hoc, authentication security, link layer, mobile-IP, routing 2 Middleware for Reactive Components: An Integrated Use of Context, Roles, and Event Based

Coordination

Andry Baketonirainy, Jaga Indulska, Seng Wai Loke, Arkady B. Zaslavsky Middleware '01: Proceedings of the IFIP/ACM International Conference on Distributed Systems

2001 Platforms Heidelberg Publisher: Springer-Verlag

Full text available: Pdt (283.65

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Bibliometrics: Downloads (6 Weeks): 6. Downloads (12 Months): 29. Downloads (Overall): 29. Citation Count: 3 3 Mediazine - a combination of television, radio, WWW, telecommunication and 3D computer sound and

graphics Norbert Schiffner, Hartmut Chodura

September CVE '00: Proceedings of the third international conference on Collaborative virtual environments 2000

Publisher: ACM & Request Permissions

Full text available: Pdl (1.45 Additional Information: full citation, abstract, references, index terms

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The Mediazine is a distributed interactive multimedia magazine for the Internet including text, applications, images, live audio, live-video, animations, 3D computer graphics. Users and Actors can interactively meet each other in a shared virtual environment ...

Keywords: collaborative virtual workspace, cooperation, multimedia streams, software agents

4 An evaluation of flow control in group communication

Shivakani Mishra, Lei Wu

October I EEE/ ACM Transactions on Networking (TON). Volume 6 Issue 5 1998

Publisher: IEEE Press

Full text available: Pdf (260.11 Additional Information: tuli citation, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks); 2. Downloads (12 Months); 21. Downloads (Overall); 338. Citation Count; 4

Keywords: buffer management, flow control, group communication

5 Preserving Causality in a Scalable Message-Oriented Middleware

Philippe Laumay, Eric Bruneton, Noel De Palma, Sacha Krakowiak

November Middleware '01: Proceedings of the IFIP/ACM International Conference on Distributed Systems
2001 Platforms Heidelberg

Publisher: Springer-Verlag
Full text available: Pdf (586.08

Additional Information: full citation, references, cited by

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 15, Downloads (Overall): 15, Citation Count: 2

Gaetano Borriello, Boy Wani

May 2000 Communications of the ACM , Volume 43 Issue 5

6 Embedded computation meets the World Wide Web

Publisher: ACM Pequest Permissions

Full text available: Harm (41.58 KB), Full (456.09 Additional Information: <u>full citation</u>, <u>appendices, and supplements.</u>

KB) references, cited by, index remos

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 189, Downloads (Overall): 2601, Citation Count: 21

7 The SIFT information dissemination system

Fak W. Yan, Hector Garcia-Molina
December Transactions on Database Systems (TODS), Volume 24 Issue 4

Publisher: ACM & Recard Parinerions

Full text available: Pdf (220.77 Additional Information: full cliation, absured, references, clied by, index terms

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Information dissemination is a powerful mechanism for finding information in wide-area environments. An information dissemination server accepts long-term user queries, collects new documents from information sources, matches the documents against the ...

Keywords: Boolean queries, dissemination, filtering, indexing, vector space queries

8 Using a coordination language to specify and analyze systems containing mobile components

P. Ciancarini, F. Franze, C. Mascolo

April Transactions on Software Engineering and Methodology (TOSEM), Volume 9 Issue 2 2000

Publisher: ACM () Request Permissions

Full text available: Pat (306.92 KB)

Additional Information: full charical, abouted, references, cried by, index terms, review

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 37, Downloads (Overall): 456, Citation Count: 2

New computing paradigms for network-aware applications need specification languages able to deal with the features of mobile code-based systems. A coordination language provides a formal framework in which the interaction of active entities can be expressed....

9 A conference gateway supporting interoperability between SIP and H.323

▲ Jann-Min Ho, Ja-Cheng Hu, Peter Steenkiste

October MULTIMEDIA '01: Proceedings of the ninth ACM international conference on Multimedia 2001

Publisher: ACM & Request Permissions

Full text available: [305.09] Additional Information: httl classifier, abstract, references, clied by, index terms

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 55, Downloads (Overall): 1533, Citation Count: 1

Increased network bandwidth is making desktop video conferencing an attractive application for an increasing number of computer users. Unfortunately, two competing standards for video conferencing signaling are in use, H.323 and SIP. In this paper we ...

Keywords: H.323, SIP, interoperability, video conferencing gateway, video conferencing signaling protocols

10 Low-loss TCP/IP header compression for wireless networks

Mikael Degermank, Mathias Engan, Björn Nordgren, Stephen Pink October 1997 Wireless Networks, Volume 3 Issue 5

Publisher: Kluwer Academic Publishers

Full text available: Full (534.08 KB) Additional Information: hall citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 58, Downloads (Overall): 795, Citation Count: 1

Wireless is becoming a popular way to connect mobile computers to the Internet and other networks. The bandwidth of wireless links will probably always be limited due to properties of the physical medium and regulatory limits on the use of frequencies ...

11 Locating application data across service discovery domains

Raul Castro, Benjamin Greenstein, Pichard Muntz, Chatschik Bisdikian, Parviz Kermani, Maria Papadopouli 🔍 MobiCom '01: Proceedings of the 7th annual international conference on Mobile computing and July 2001 networking

Publisher: ACM & Recurst Parmesions

Full text available: Pgf (4.38 Additional Information: juli citation, abstract, references, cited by, index lerms

Bibliometrics: Downloads (6 Weeks); 2. Downloads (12 Months); 43. Downloads (Overall); 724. Citation Count; 6

The bulk of proposed pervasive computing devices such as PDAs and cellular telephones operate as thin clients within a larger infrastructure. To access services within their local environment, these devices participate in a service discovery protocol ...

12 Application laver anycasting; a server selection architecture and use in a replicated Web service Blen W. Zegura, Mostala H. Ammar, Zongming Fei, Samrai Bhattacharjee

August I EEE/ ACM Transactions on Networking (TON), Volume 8 Issue 4 2000

Publisher: IEEE Press

Full text available: (207.85 Additional Information: Juli citation, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 37, Downloads (Overall): 658, Citation Count: 33

Keywords: anycasting, replication, server selection

13 MultECommerce: a distributed architecture for collaborative shopping on the WWW

Stefano Puglia, Robert Carter, Ravi Jain October

EC '00: Proceedings of the 2nd ACM conference on Electronic commerce 2000

Publisher: ACM & Request Permissions

Full text available: Pdt (690.44 Additional Information: buil chation, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 32, Downloads (Overall): 603, Citation Count: 1

Keywords: WWW engineering, component technologies, e-commerce APIs, e-commerce architectures, enterprise JavaBeans, shared navigation

14 Wireless ATM network architectures

Anna Hác

May 2001 International Journal of Network Management , Volume 11 Issue 3

Publisher: John Wiley & Sons, Inc.

Full text available: Pdf (93,42 Additional Information: full chation, abstract, references, index ferms

Bibliometrics: Downloads (6 Weeks): 0. Downloads (12 Months): 1. Downloads (Overall): 618. Citation Count: 0

Emulated LAN technology supports mobile hosts in wireless ATM networks. This paper introduces virtual LAN (VLAN) services using ATM LAN emulation technology which operates on a client/ server model. One of the attractive features of the ...

15 Multicast support for mobile hosts using mobile IP; design issues and proposed architecture

Vineet Chikarmane, Carey L. Williamson, Richard E. Bunt, Wayne L. Mackrell

December Mobile Networks and Applications , Volume 3 Issue 4

1998

Publisher: Kluwer Academic Publishers

Full text available: Pdf (268.04 KB) Additional Information: tuli citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 98, Downloads (Overall): 985, Citation Count: 14

In this paper, we consider the problem of providing multicast to mobile hosts using Mobile IP for network routing support. Providing multicast in an internetwork with mobile hosts is made difficult because many multicast protocols are inefficient when ...

16 Modeling mobile IP in mobile UNITY

🏀 Feter J. McCann, Gruia-Catalin Roman

April Transactions on Software Engineering and Methodology (TOSEM), Volume 8 Issue 2
1999

Publisher: ACM & Request Permissions

Full text available: Full (344.70 Additional Information: htt challen, abstract, references, cited by, index terms, review

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 37, Downloads (Overall): 503, Citation Count: 4

With recent advances in wireless communication technology, mobile computing is an increasingly important area of research. A mobile system is one where independently executing components may migrate through some space during the course of the computation, ...

Keywords: formal methods, mobile UNITY, mobile computing, shared variables, synchronization, transient interactions, weak consistency

17 Global change master directory: object-oriented active asynchronous transaction management in a

federated environment using data agents

Zina Ben Miled, Stimivasan Sikkupparbathyam, Omrian Bukhres, Kishan Nagendra, Eric Lynch, Marcelo Areal, Lola Osen, Chris Geker, David Kendig, Tom Northruit, Forz Cordova, Gene Major, Marine Savage March SAC '01: Proceedings of the 2001 ADM symposium on Apolied computing.

Publisher: ACM & Bacamat Pathessions

Full text available: Pdt (185.55 Additional Information: full citation, references, incless terms

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 18, Downloads (Overall): 353, Citation Count: 1

Keywords: JDBC, Java, RMI, World Wide Web, XML, asynchronous, component, distributed, distributed object management, global transaction management, interface, interoperability, object-oriented

18 DeepView: a channel for distributed microscopy and informatics

B. Parvin, J. Taylor, G. Cong. M. A. OKeste, M. H. Barcellos Holf

Supercomputing '99: Proceedings of the 1999 ACM/IEEE conference on Supercomputing

1999 (CDROM) Publisher: ACM

2001

Full text available: [2] [2.69 Additional Information: full cliation, references, clied by, index terms

Bibliometrics: Downloads (6 Weeks): 1. Downloads (12 Months): 8. Downloads (Overall): 134. Citation Count: 3

19 Composable collaboration infrastructures based on programming patterns

0

Vassif Roussey, Prasun Dewan, Vibhor Jain

December CSCW '00: Proceedings of the 2000 ACM conference on Com

December CSCW '00: Proceedings of the 2000 ACM conference on Computer supported cooperative work 2000

Publisher: ACM & Request Permesions

Full text available: Pdf (184.90 Additional Information: init chatten, singularly references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 19, Downloads (Overall): 415, Citation Count: 7

In general, collaboration infrastructures have supported sharing of an object based on its logical structure. However, current implementations assume an implicit binding between this logical structure and particular system-defined abstractions. We present ...

20 Architectural design of a multi-agent system for handling metadata streams

Don Cruickshank, Luc Moreau, David De Roure

May AGENTS '01: Proceedings of the fifth international conference on Autonomous agents 2001

Publisher: ACM & Request Permissions

Full text available: The (211.00 Additional Information: <u>bit challen, abstract, reterences, chad by, index terms</u>

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 11, Downloads (Overall): 333, Citation Count: 2

We have designed a multi-agent architecture to deliver metadata streams synchronously with multimedia streams over a wide-area network. To this end, we have devised a simple protocol for synchronising agents to a media clock. This protocol defines the ...

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2.2

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